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C.S.
P.T.O.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 06816.0035. NPUS01

First Inventor James H. Kukula, et al.

Title METHOD AND APPARATUS FOR FORMALLY CONSTRAINING RANDOM SIMULATION

Express Mail Label No.

10/16/02
S-220
10/16/02**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 62]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C.113) [Total Sheets 50]
5. Oath or Declaration [Total Pages 3]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
 (for a continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 a. Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper
 c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Unexecuted Declaration

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ /
 Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

22930

or Correspondence address below

(Insert Customer No. or Attach bar code label here)

<input type="checkbox"/> Customer Number or Bar Code Label					
Name	Jonathan T. Kaplan HOWREY SIMON ARNOLD & WHITE, LLP				
Address	1299 Pennsylvania Avenue, N.W.				
City	Washington	State	D.C.	Zip Code	20004-2402
Country	U.S.	Telephone	(202) 783-0800		Fax (202) 383-7195

Name (Print/Type)	Jonathan T. Kaplan	Registration No. (Attorney/Agent)	38,935
Signature	<i>Jonathan T. Kaplan</i>		Date January 16, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	James H. Kukula, et al.
Title	METHOD AND APPARATUS FOR FORMALLY CONSTRAINING RANDOM SIMULATION
Atty Docket Number	06816.0036.NPUS.01

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I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 16, 2002

Date

Signature

Jonathan T. Kaplan

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

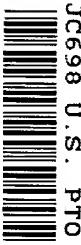
Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement. This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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January 16, 2002

JONATHAN T. KAPLAN
PARTNER
202.383.7217
kaplanj@howrey.com

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No.: To be Assigned Filed HEREWITH
Title: **METHOD AND APPARATUS FOR FORMALLY CONSTRAINING
RANDOM SIMULATION**
Inventors: **James H. Kukula, et al.**
Our Ref: 06816.0036.NPUS01

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO SB/35;
3. Form PTO 1082;

U.S. Utility Patent Application entitled:

**METHOD AND APPARATUS FOR FORMALLY
CONSTRAINING RANDOM SIMULATION**

and naming as inventors:

**James H. Kukula
Rajeev K. Ranjan
Thomas R. Shiple**

the application consisting of:

- a. A specification containing:
 - (i) 52 pages of description prior to the claims;
 - (ii) 2 pages of claims (34 claims);
 - (iii) a one (1) page abstract;
 - b. 50 sheets of drawings: (**Figures 1-3, 4A-4K, 5A-5E, 6A-6J, 7A-7B,
8A-8O, 9, 10, 11 and 12**);
4. Unexecuted Combined Declaration and Power of Attorney;
 5. Check No. 006131 in the amount of \$1,392.00 to cover the following fees:



Box New Applications
Attorney Docket No. 06816.0036.NPUS.01
January 16, 2002
Page 2

\$740.00	Basic Application Filing Fee
\$652.00	Extra Claims Fee

6. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06816.0035.PZUS00.
A duplicate copy of this letter is enclosed.

Respectfully submitted,

A handwritten signature in black ink that reads "Jonathan T. Kaplan".

Jonathan T. Kaplan
Registration No. 38,935

Enclosures

FEB 16 2002 OAG/MSB

user not listed
703 - 306 - 3338
mail

HOWREY SIMON ARNOLD & WHITE, LLP
Box No. 34
1299 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2402
(202) 783-0800

Attorney Docket No. 06816.0036.NPUS.01

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **James H. Kukul, et al.**

For: **METHOD AND APPARATUS FOR FORMALLY
 CONSTRAINING RANDOM SIMULATION**

Enclosed is a new application comprising:

- A specification containing: 52 pages of description prior to the claims; 9 pages of claims (34 claims); a one (1) page abstract; 50 sheets of drawings (**Figures 1- 3, 4A-4K, 5A-5E, 6A-6J, 7A-7B, 8A-8O, 9, 10, 11 and 12**);
- PTO SB/05;
- PTO SB/35;
- PTO 1082; and
- Unexecuted Combined Declaration and Power of Attorney

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	34-20 =	* 14
INDEP. CLAIMS	8-3 =	* 5
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	OR	RATE	FEE
\$ 370.00	OR	\$ 740.00	
x 9 =	OR	x 18 =	252.00
x 40 =	OR	x 80 =	400.00
+ 135 =	OR	+ 270 =	
TOTAL	OR	TOTAL	\$1,392.00

- A check in the amount of \$1,392.00 to cover the filing fee is enclosed.
- The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06816.0036.NPUS.01. A duplicate copy of this sheet is enclosed.
 - Any patent application processing fees under 37 CFR 1.17
 - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date January 16, 2002

Jonathan T. Kaplan
 Jonathan T. Kaplan
 Registration No. 38,935